Tareq A Khandaker

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RECENT EXPERIENCE

DecideAI – Remote   September 2024 – March 2025
Software Engineer
- Led the effort to migrate a Python AWS Lambda project into an AWS VPC (virtual private cloud) using Serverless and GitHub Actions.
- Created an email verification system using Python.
- Added salts generated using a CSPRNG (cryptographically-secure pseudorandom number generator) to credentials in a Rust project.

ODIN Consultants Inc. – Mississauga, ON, Canada   April 2022 – September 2024
Software Engineer
- Designed and implemented chemical management software in Java and deployed it to a private cloud.
- Performed data migrations for small businesses as they migrated between different applications.

Freedom Financial Network – Tempe, AZ, USA   April 2021 – April 2022
Senior Software Engineer
- Created a configuration-based fee schedule in Go to allow for changes without my team's involvement.
- Added LaunchDarkly feature flags across development, staging, and production environments.
- Added health and performance metrics to Grafana dashboards using Prometheus.

ODIN Consultants Inc. – Mississauga, ON, Canada   January 2020 – April 2021
Software Engineer
- Performed data migrations for small businesses as they migrated between different applications.

Credit Karma – San Francisco, CA, USA   April 2018 – December 2019
Software Engineer III
- Created a hashed persisted queries solution for use within a GraphQL microservice using TypeScript.
- Assisted in the migration of the GraphQL gateway to Google Cloud and then later Kubernetes.
- Provided guidance to developers on other teams looking to add GraphQL support to their services.
- Deployed newer versions of the GraphQL gateway using blue-green deployments.
- Added health and performance metrics to Grafana dashboards using InfluxDB.

Clara Lending – San Francisco, CA, USA   December 2016 – October 2017
Software Engineer
- Implemented mortgage operation logic using Scala, Thrift, and PostgreSQL.
- Added workflow tasks to improve loan officer efficiency during document upload and review.
- Added database migrations using ActiveRecord from Ruby on Rails.

EARLIER EXPERIENCE

Available on my website at tareqak.com   2006 – 2016

EDUCATION

University of Waterloo – Waterloo, ON, Canada   September 2005 – April 2010
Bachelor of Software Engineering

SKILLS AND PROGRAMMING LANGUAGES

Rust, Go, Java, Python, TypeScript, C++, Scala, GraphQL, Linux, macOS, bash, git, vim, IntelliJ, Eclipse